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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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APPLICANT:	Marja T. Nevalainen		
GROUP ART UNIT:	1635	EXAMINER:	Louis V. Wollenberger

## U.S. PATENT DOCUMENTS

Examiner's Initials *	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		

## FOREIGN PATENT DOCUMENTS

Examiner's Initials *	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			

## OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		AHONEN et al., "PRL Signal Transduction in the Epithelial Compartment of Rat Prostate Maintained as Long-Term Organ Cultures in Vitro," Endocrinology 143(1):228-238 (2002)	
		AHONEN et al., "Prolactin Is a Survival Factor for androgen-Deprived Rat Dorsal and Lateral Prostate Epithelium in Organ Culture," Endocrinology 140(11):5412-5421 (1999)	
		AHONEN et al., "Inhibition of Transcription Factor Stat5 Induces Cell Death of Human Prostate Cancer Cells" J. Biol. Chem. 278(29): 27287-27292 (2003)	
		DAGVADORJ et al., "Autocrine Prolactin Promotes Prostate Cancer Cell Growth via Janus Kinase-2-Signal Transducer and Activator of Transcription-5a/b Signaling Pathway" Endocrinology 148(7):3089-3101.	
		GOUILLEUX et al., "Prolactin Induces Phosphorylation of Tyr694 of Stat5 (MGF), a Prerequisite for DNA Binding and Induction of Transcription," The EMBO Journal 13(18):4361-4369 (1994)	
		LI et al., "Activation of Signal Transducer and Activator of Transcription 5 in Human Prostate Cancer is Associated with High Histological Grade" Cancer Research 64:4774-4782 (2004)	
		LIU et al., "Cloning and Expression of Stat5 and an Additional Homologue (Stat5b) Involved in Prolactin Signal Transduction in Mouse Mammary Tissue," Proc. Natl. Acad. Sci USA 92:8831-8835 (1995)	
		NEVALAINEN et al., "Expression and Hormone Regulation of Prolactin Receptors in Rat Dorsal and Lateral Prostate," Endocrinology 137(7):3078-3088 (1996)	
		NEVALAINEN et al., "Basal Activation of Transcription Factor Signal Transducer and Activator of Transcription (Stat5) in Nonpregnant Mouse and Human Breast Epithelium," Molecular Endocrinology 16(5):1108-1124 (2002)	
		NEVALAINEN et al., "Hormone Regulation of Human Prostate in Organ Culture," Cancer Research 53:5199-5207 (1993)	
		NEVALAINEN et al., "Prolactin and Prolactin Receptors Are Expressed and Functioning in Human Prostate," J. Clin. Invest. 99(4): 618-627 (1997)	
		NEVALAINEN et al., "Signal Transducer and Activator of Transcription-5 Activation and Breast Cancer Prognosis" J. Clin. Oncology 22(11): 2053-2060 (2004)	
		NIIDOME and HUANG "Gene Therapy Progress and Prospects: Nonviral Vectors," Gene Therapy 9:1647-1652 (2002)	
		RUI et al., "Activation of Receptor-Associated Tyrosine Kinase JAK2 by Prolactin," The Journal of Biological Chemistry 269(7):5364-5369 (1994)	
		STEGE et al., "Neuroendocrine and Reproductive Functions in Male Mice with Targeted Disruption of the Prolactin Gene," Endocrinology 139(9):3691-3695 (1998)	
		WENNBO et al., "Transgenic Mice Overexpressing the Prolactin Gene Develop Dramatic Enlargement of the Prostate Gland," Endocrinology 138(10):4410-4415 (1997)	
		YAMASHITA et al., "Naturally Occurring Dominant-Negative Stat5 Suppresses Transcriptional Activity of Estrogen Receptors and Induces Apoptosis in T47D Breast Cancer Cells," Oncogene 22:1638-1652 (2003)	

EXAMINER:

/Louis Wollenberger/

DATE CONSIDERED:

08/23/2008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.W./

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\* A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_, filed \_\_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

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